

RECEIVED

Sheet 1 of 5 sheet(s)

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		JUN 03 2003 TC 1700	Docket No. AMAT/6473/CPI/ WCVD/BG	Serial No. 10/074,898
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Applicant Yoon, et al.	Confirmation No.: 6468
(Use several sheets if necessary)			Filing Date Feb. 11, 2002	Group 2824-1762
Examiner				

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	6,534,395	03/18/03	Werkhoven, et al.	43	627	03/18/01
	A2	6,482,740	11/19/02	Soininen, et al.	43	6	05/18/01
	A3	6,482,733	11/19/02	Raaijmakers, et al.	43	6	04/20/01
	A4	6,482,262	11/19/02	Elers, et al.	1	8	10/18/00
	A5	6,475,910	11/05/02	Sneh	43	6	09/20/00
	A6	6,475,276	11/05/02	Elers, et al.	1	8	10/18/00
	A7	6,468,924	10/22/02	Lee, et al.	43	7	05/18/01
	A8	6,451,695	09/17/02	Sneh	43	6	12/18/00
	A9	6,447,933	09/10/02	Wang, et al.	43	6	04/18/01
	A10	6,423,619	07/23/02	Grant, et al.	43	6	11/18/01
	A11	6,420,189	07/16/02	Lopatin	43	6	04/18/01
	A12	6,399,491	06/04/02	Jeon, et al.	43	6	04/18/01
	A13	6,391,785	05/21/02	Satta, et al.	438	4	08/18/00

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1	02/45167	06/06/02	WO	H01L	27	<input type="checkbox"/>	<input type="checkbox"/>
	B2	02/067319	08/29/02	WO	H01L	27	<input type="checkbox"/>	<input type="checkbox"/>
	B3	2001-111000	04/20/01	JP	H01L	27	<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	
	C2	
	C3	

Examiner

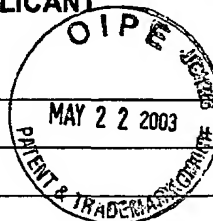
Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

RECEIVED

Sheet 2 of 5 sheet(s)

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		JUN 03 2003 TC 1700	Docket No. AMAT/6473/CPI/ WCVD/BG	Serial No. 10/074,898
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Applicant Yoon, et al.	Confirmation No.: 6468
(Use several sheets if necessary)			Filing Date Feb. 11, 2002	Group 2824-1762
Examiner				



U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	6,372,598	04/16/02	Kang, et al.	438	399	06/1/99
	A2	6,369,430	04/09/02	Adetutu, et al.	237	302	04/0/01
	A3	6,368,954	04/09/02	Lopatin, et al.	438	62	07/2/00
	A4	6,358,829	03/19/02	Yoon, et al.	438	59	09/1/99
	A5	6,355,561	03/12/02	Sandhu, et al.	438	67	11/2/00
	A6	6,342,277	01/29/02	Sherman	437	56	04/1/99
	A7	6,333,260	12/25/01	Kwon, et al.	438	64	06/2/99
	A8	6,305,314	10/31/01	Sneh, et al.	138	72R	12/1/99
	A9	6,284,646	09/04/01	Leem	438	62	08/1/98
	A10	6,207,487	03/27/01	Kim, et al.	438	23	10/1/99
	A11	5,306,666	04/26/94	Izumi	438	19	07/2/93
	A12	2003/0072975	04/17/03	Shero, et al.	438	76	09/2/02
	A13	2003/0049942	03/13/03	Haukka, et al.	438	76	08/2/02

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
	B1	1,167,569	01/02/02	EP			YES	NO
	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	
	C2	
	C3	

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

RECEIVED

Sheet 3 of 5 sheet(s)

U.S. Department of Commerce, Patent and Trademark Office

(PTO Form 1449 modified)

JUN 8 3 2003

TC 1700

Docket No.

AMAT/6473/CPI/
WCVD/BG

Serial No.

10/074,898

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant

Yoon, et al.

Confirmation No.:

6468

(Use several sheets if necessary)

Examiner

Filing Date

Feb. 11, 2002

Group

2824-1767

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	2003/0032281	02/13/03	Werkhoven, et al.	43	6	09/23/02
	A2	2003/0031807	02/13/03	Elers, et al.	47	5	09/17/02
	A3	2003/0013320	12/05/02	Leskela, et al.	47	2	03/15/02
	A4	2002/0187631	12/12/02	Kim, et al.	48	6	12/05/01
	A5	2002/0187256	12/12/02	Elers, et al.	47	9	07/31/02
	A6	2002/0182320	01/16/03	Kim, et al.	48	7	05/31/01
	A7	2002/0162506	11/07/02	Sneh, et al.	48	7	06/21/02
	A8	2002/0155722	10/24/02	Satta, et al.	48	7	04/11/02
	A9	2002/0121697	09/05/02	Marsh	47	7	04/11/02
	A10	2002/0117399	08/29/02	Chen, et al.	45	1	02/11/01
	A11	2002/0109168	08/15/02	Kim, et al.	47	2	01/11/02
	A12	2002/0106846	08/08/02	Seutter, et al.	48	2	02/11/01
	A13	2002/0105088	08/08/02	Yang, et al.	47	7	10/11/01

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1						<input type="checkbox"/>	<input type="checkbox"/>
	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	
	C2	
	C3	

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		RECEIVED JUN 03 2003 TC 1700 MAY 22 2003 PATENT & TRADEMARK OFFICE	Docket No. AMAT/6473/CPI/ WCVD/BG	Serial No. 10/074,898
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Applicant Yoon, et al.	Confirmation No.: 6468
(Us several sheets if necessary)			Filing Date Feb. 11, 2002	Group 1.767
Examiner				

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	2002/0094689	07/18/02	Park	43	69	03/07/02
	A2	2002/0090829	07/11/02	Sandhu, et al.	43	76	01/31/02
	A3	2002/0076837	06/20/02	Hujanen, et al.	43	3	11/28/01
	A4	2002/0076507	06/20/02	Chiang, et al.	42	56	10/24/01
	A5	2002/0061612	05/23/02	Sandhu, et al.	43	15	01/14/02
	A6	2002/0055235	05/09/02	Agarwal, et al.	43	43	10/29/01
	A7	2002/0052097	05/02/02	Park	43	50	05/03/01
	A8	2002/0048880	04/25/02	Lee	48	25	08/08/01
	A9	2002/0037630	03/28/02	Agarwal, et al.	48	43	10/29/01
	A10	2002/0031618	03/14/02	Sherman	47	56	10/07/01
	A11	2002/0019121	02/14/02	Pyo	48	61	06/29/01
	A12	2002/0007790	01/24/02	Park	13	71	05/03/01
	A13	2002/0004293	01/10/02	Soininen, et al.	43	58	05/15/01

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1						<input type="checkbox"/>	<input type="checkbox"/>
	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	
	C2	
	C3	

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		RECEIVED JUN 03 2003 TC 1700 OIPF MAY 22 2003 PATENT & TRADEMARK OFFICE	Docket No. AMAT/6473/CPI/ WCVD/BG	Serial No. 10/074,898
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Applicant Yoon, et al.	Confirmation No.: 6468
(Use several sheets if necessary)			Filing Date Feb. 11, 2002	Group 2824 <i>1767</i>
Examiner				

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
<i>Y</i>	A1	2002/0000598	01/03/02	Kang, et al.	25	30	07/26/01
	A2	2001/0054769	12/27/01	Raaijmakers, et al.	27	75	04/26/01
	A3	2001/0054730	12/27/01	Kim, et al.	27	30	05/23/01
	A4	2001/0029094	10/11/01	Mee-Young, et al.	38	59	09/16/01
	A5	2001/0028924	10/11/01	Sherman	27	25	05/24/01
	A6	2001/0024387	09/27/01	Raaijmakers, et al.	65	20	02/22/01
	A7	2001/0009695	07/26/01	Saanila, et al.	27	25	01/18/01
	A8	2001/0002280	05/31/01	Sneh	27	25	12/22/00
	A9						
	A10						
	A11						
	A12						
	A13						

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1						<input type="checkbox"/>	<input type="checkbox"/>
	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	
	C2	
	C3	

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

1919378

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. APPM/6473	Serial No. 10/074,898
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Yoon, et al.	Confirmation No.: Unknown
(Use several sheets if necessary)		Filing Date February 11, 2002	Group Unknown <i>7</i>
Examiner Unknown			



U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
<i>SP</i>	A1	4,058,430	11/15/77	Suntola et al.	1	61	11/2/75
	A2	4,389,973	6/28/83	Suntola et al.	1	72	12/1/81
	A3	4,413,022	11/1/83	Suntola et al.	4	25	6/2/89
	A4	4,486,487	12/4/84	Skarp	4	2	4/2/83
	A5	4,767,494	8/30/88	Kobayashi et al.	1	60	9/1/86
	A6	4,806,321	2/21/89	Nishizawa et al.	4	24	7/2/85
	A7	4,813,846	3/21/89	Helms	4	74	4/2/87
	A8	4,829,022	5/9/89	Kobayashi et al.	43	10	12/86
	A9	4,834,831	5/30/89	Nishizawa et al.	15	61	9/4/87
	A10	4,838,983	6/13/89	Schumaker et al.	15	61	3/1/88
	A11	4,838,993	6/13/89	Aoki et al.	1	64	12/87
	A12	4,840,921	6/20/89	Matsumoto	4	89	6/3/88
	A13	4,845,049	7/4/89	Sunakawa	4	81	3/2/88
	A14	4,859,625	8/22/89	Nishizawa et al.	4	81	11/2/87
	A15	4,859,627	8/22/89	Sunakawa	4	81	7/1/88
	A16	4,861,417	8/29/89	Mochizuki et al.	1	61	3/2/88
	A17	4,876,218	10/24/89	Pessa et al.	1	10	9/2/88
	A18	4,917,556	4/17/90	Stark et al.	4	21	5/2/89
	A19	4,927,670	5/22/90	Erbil	4	25	6/2/88
	A20	4,931,132	6/5/90	Aspnes et al.	1	60	10/88
	A21	4,951,601	8/28/90	Maydan, et al.	1	71	6/2/89
	A22	4,960,720	10/2/90	Shimbo	4	10	8/2/87
	A23	4,975,252	12/4/90	Nishizawa et al.	4	24	5/2/89
	A24	4,993,357	2/19/91	Scholz	1	71	12/89
	A25	5,000,113	3/19/91	Wang et al.	1	72	12/86
	A26	5,013,683	5/7/91	Petroff et al.	437	1	1/2/89

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. APPM/6473		Serial No. 10/074,898	
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT				Applicant Yoon, et al.		Confirmation No.: Unknown	
(Use several sheets if necessary)				Filing Date February 11, 2002		Group Unknown	
Examiner Unknown				February 11, 2002		1767	

O I P E
JUN 11 2002
PATENT & TRADEMARK OFFICE

RECEIVED
JUN 14 2002
TECHNOLOGY CENTER

*Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
A27	5,028,565	7/2/91	Chang, et al.	4	1	8/25/91
A28	5,082,798	1/21/92	Arimoto	4	1	9/27/91
A29	5,085,885	2/4/92	Foley et al.	4	3	9/10/91
A30	5,091,320	2/25/92	Aspnes et al.	4	8	6/15/91
A31	5,130,269	7/14/92	Kitahara et al.	4	1	4/25/91
A32	5,166,092	11/24/92	Mochizuki et al.	4	1	10/3/90
A33	5,173,474	12/22/92	Connell, et al.	5	1	3/1/91
A34	5,186,718	2/16/93	Tepman et al.	2	01	4/15/91
A35	5,205,077	4/27/93	Wittstock	5	5 R	8/2/91
A36	5,225,366	7/6/93	Yoder	43	8	6/2/90
A37	5,234,561	8/10/93	Randhawa et al.	20	2.38	8/2/93
A38	5,246,536	9/21/93	Nishizawa et al.	15	0	3/1/99
A39	5,250,148	10/5/93	Nishizawa et al.	15	1	11/1/91
A40	5,254,207	10/19/93	Nishizawa et al.	15	1	11/1/92
A41	5,256,244	10/26/93	Ackerman	15	3	2/1/92
A42	5,259,881	11/9/93	Edwards, et al.	11	9	5/1/91
A43	5,270,247	12/14/93	Sakuma et al.	43	3	7/8/92
A44	5,278,435	1/11/94	Van Hove et al.	2	1	6/8/92
A45	5,281,274	1/25/94	Yoder	1	0	2/4/93
A46	5,286,296	2/15/94	Sato et al.	1	1	1/9/92
A47	5,290,748	3/1/94	Knuuttila et al.	2	1	7/1/92
A48	5,294,286	3/15/94	Nishizawa et al.	15	6	1/1/93
A49	5,296,403	3/22/94	Nishizawa et al.	17	1	10/3/92
A50	5,300,186	4/5/94	Kitahara et al.	16	6	4/1/92
A51	5,311,055	5/10/94	Goodman et al.	17	5	1/12/91
A52	5,316,615	5/31/94	Copel	17	95	3/1/93

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office		Docket No.	Serial No.
(PTO Form 1449 modified)		APPM/6473	10/074,898
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Yoon et al. 2002	Confirmation No.: Unknown
(Use several sheets if necessary)		Filing Date February 11, 2002	Group 1762
Examiner Unknown		[REDACTED]	

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date if Appropriate
	A53	5,316,793	5/31/94	Wallace et al.	4	241	7/2/92
	A54	5,330,610	7/19/94	Eres et al.	1	8	5/28/93
	A55	5,336,324	8/9/94	Stall et al.	1	7	12/4/91
	A56	5,338,389	8/16/94	Nishizawa et al.	1	8	4/2/93
	A57	5,348,911	9/20/94	Jurgensen et al.	1	9	4/2/93
	A58	5,374,570	12/20/94	Nasu et al.	4	4	8/1/93
	A59	5,395,791	3/7/95	Cheng et al.	4	1	10/10/93
	A60	5,438,952	8/8/95	Otsuka	1	8	1/1/94
	A61	5,439,876	8/8/95	Graf et al.	5	4	8/1/93
	A62	5,441,703	8/15/95	Jurgensen	4	1	3/1/94
	A63	5,443,033	8/22/95	Nishizawa et al.	1	8	3/1/94
	A64	5,443,647	8/22/95	Aucoin et al.	1	7 ME	7/1/94
	A65	5,455,072	10/3/95	Bension et al.	42	27	11/8/92
	A66	5,458,084	10/17/95	Thorne et al.	11	8	12/1/93
	A67	5,469,806	11/28/95	Mochizuki et al.	11	9	8/2/93
	A68	5,480,818	1/2/96	Matsumoto et al.	437	4	2/9/93
	A69	5,483,919	1/16/96	Yokoyama et al.	117	8	8/1/94
	A70	5,484,664	1/16/96	Kitahara et al.	428	6	1/2/94
	A71	5,503,875	4/2/96	Imai et al.	427	23	3/1/94
	A72	5,521,126	5/28/96	Okamura et al.	437	2	6/2/94
	A73	5,527,733	6/18/96	Nishizawa et al.	437	1	2/1/94
	A74	5,532,511	7/2/96	Nishizawa et al.	257	6	3/2/95
	A75	5,540,783	7/30/96	Eres et al.	11	7	5/2/94
	A76	5,580,380	12/3/96	Liu, et al.	11	8	1/3/95
	A77	5,601,651	2/11/97	Watabe	11	7	12/1/94
	A78	5,609,689	3/11/97	Kato et al.	11	719	6/3/95

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. APPM/6473	Serial No. 10/074,898
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Yoon et al.	Confirmation No.: Unknown
(Use several sheets if necessary)		Filing Date February 11, 2002	Group Unknown
Examiner Unknown		TECHNOLOGY CENTER 2800	

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
J	A79	5,616,181	4/1/97	Yamamoto et al.	118	708 ER	11/1/95
	A80	5,637,530	6/10/97	Gaines et al.	114	105	6/1/96
	A81	5,641,984	6/24/97	Aftergut et al.	257	403	8/1/94
	A82	5,644,128	7/1/97	Wollnik et al.	200	200	8/2/94
	A83	5,667,592	9/16/97	Boitnott et al.	108	709	4/1/96
	A84	5,674,786	10/7/97	Turner et al.	407	205	6/5/95
	A85	5,693,139	12/2/97	Nishizawa et al.	107		6/1/93
	A86	5,695,564	12/9/97	Imahashi	108	709	8/1/95
	A87	5,705,224	1/6/98	Murota et al.	400	8.1	1/1/95
	A88	5,707,880	1/13/98	Aftergut et al.	400		1/1/97
	A89	5,711,811	1/27/98	Suntola et al.	110	1	1/28/95
	A90	5,730,801	3/24/98	Tepman et al.	110	9	8/3/94
	A91	5,730,802	3/24/98	Ishizumi et al.	110	9	1/27/96
	A92	5,747,113	5/5/98	Tsai	420	5.5	1/9/96
A93	5,749,974	5/12/98	Habuka et al.	110	5	1/3/95	
A94	5,788,447	8/4/98	Yonemitsu et al.	410	207	1/5/96	
A95	5,788,799	8/4/98	Steger, et al.	150	305	1/1/96	
A96	5,796,116	8/18/98	Nakata et al.	250	600	1/25/95	
A97	5,801,634	9/1/98	Young et al.	340	605	1/8/97	
A98	5,807,792	9/15/98	Ilg et al.	420	703	1/2/18/96	
A99	5,830,270	11/3/98	McKee et al.	100	100	1/5/96	
A100	5,835,677	11/10/98	Li et al.	300	400	1/0/3/96	
A101	5,851,849	12/22/98	Comizzoli et al.	400	300	1/22/97	
A102	5,855,675	1/5/99	Doering et al.	100	700	1/3/97	
A103	5,855,680	1/5/99	Soininen et al.	100	700	1/28/95	
A104	5,856,219	1/5/99	Naito et al.	400	200	1/9/97	

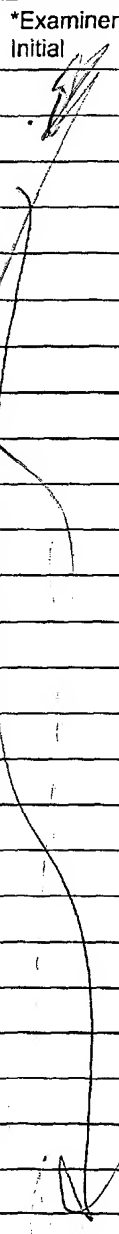
Examiner

Date Considered

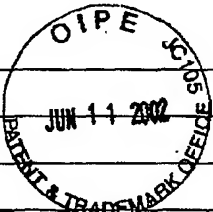
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. APPM/6473	Serial No. 10/073,898
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Yoon et al.	Confirmation No.: Unknown
(Use several sheets if necessary)		Filing Date February 11, 2002	Group 176
Examiner Unknown		TECHNICAL CENTER 2800	

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
	A105	5,858,102	1/12/99	Tsai	1	7	2/14/98	
	A106	5,866,213	2/2/99	Foster et al.	4	5	7/19/97	
	A107	5,866,795	2/2/99	Wang et al.	7	1	3/17/97	
	A108	5,879,459	3/9/99	Gadgil et al.	1	7	8/29/97	
	A109	5,882,165	3/16/99	Maydan et al.	4	2	9/10/97	
	A110	5,882,413	3/16/99	Beaulieu et al.	1	9	7/1/97	
	A111	5,904,565	5/18/99	Nguyen, et al.	4	5	7/1/97	
	A112	5,916,365	6/29/99	Sherman	1	8	8/1/96	
	A113	5,923,056	7/13/99	Lee et al.	2	12	3/1/98	
	A114	5,923,985	7/13/99	Aoki et al.	4	3	1/1/97	
	A115	5,925,574	7/20/99	Aoki et al.	4	3	4/1/92	
	A116	5,928,389	7/27/99	Jevtic	2	001	10/1/96	
	A117	5,942,040	8/24/99	Kim et al.	1	6	8/2/97	
	A118	5,947,710	9/7/99	Cooper, et al.	4	5	6/1/97	
	A119	5,972,430	10/26/99	DiMeo, Jr. et al.	4	5.32	11/1/97	
	A120	6,001,669	12/14/99	Gaines et al.	4	2	7/2/92	
	A121	6,015,590	1/18/00	Suntola et al.	4	5.23	11/1/95	
	A122	6,025,627	2/15/00	Forbes et al.	2	1	5/2/98	
	A123	6,036,773	3/14/00	Wang et al.	1	9	3/2/97	
	A124	6,042,652	3/28/00	Hyun et al.	1	9	9/7/99	
	A125	6,043,177	3/28/00	Falconer et al.	5	1	1/2/97	
	A126	6,051,286	4/18/00	Zhao et al.	4	5	8/2/97	
	A127	6,062,798	5/16/00	Muka	4	5	6/1/96	
	A128	6,071,808	6/6/00	Merchant et al.	4	5	6/2/99	
	A129	6,084,302	7/4/00	Sandhu	2	5	12/1/95	
	A130	6,086,677	7/11/00	Umotoy et al.	1	5	6/1/98	
	Examiner					Date Considered		
	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.							

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. APPM/6473		Serial No. 10/074,898	
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT				Applicant Yoon, et al		Confirmation No.: Unknown	
(Use several sheets if necessary)				Filing Date February 11, 2002		Technology Center Unknown	
Examiner Unknown							

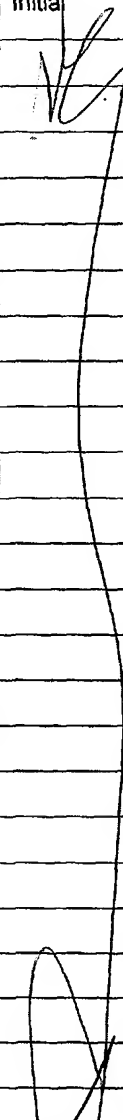


U.S. Patent Documents							
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A131	6,110,556	8/29/00	Bang, et al.	422	64	10/1/97
	A132	6,113,977	9/5/00	Soininen et al.	4	64	9/1/97
	A133	6,117,244	9/12/00	Bang, et al.	1	7	3/1/98
	A134	6,124,158	9/26/00	Dautartas et al.	4	2	6/1/99
	A135	6,130,147	10/10/00	Major et al.	4	6	3/1/97
	A136	6,139,700	10/31/00	Kang et al.	2	12.17	9/1/98
	A137	6,140,237	10/31/00	Chan et al.	4	7	4/1/99
	A138	6,140,238	10/31/00	Kitch	4	7	4/1/99
	A139	6,143,659	11/7/00	Leem	4	8	8/1/98
	A140	6,144,060	11/7/00	Park et al.	2	0	7/1/98
	A141	6,158,446	12/12/00	Mohindra et al.	1	4	9/1/98
	A142	6,174,377	1/16/01	Doering, et al.	1	9	1/1/99
	A143	6,174,809	1/16/01	Kang, et al.	1	2	12/15/98
	A144	6,200,893	3/13/01	Sneh	1	5	3/1/98
	A145	6,203,613	3/20/01	Gates, et al.	1	4	10/19/99
	A146	6,206,967	3/27/01	Mak, et al.	1	5	6/1/00
	A147	6,207,302	3/27/01	Sugiura, et al.	1	0	3/1/98
	A148	6,248,605	6/19/01	Harkonen, et al.	1	2	6/1/99
	A149	6,270,572	8/7/01	Kim, et al.	1	9	8/1/99
	A150	6,271,148	8/7/01	Kao et al.	4	7	10/13/99
	A151	6,287,965	9/11/01	Kang, et al.	4	6	2/1/00
	A152	6,291,876	9/18/01	Stumborg, et al.	2	6	8/1/98
	A153	6,305,314	10/23/01	Sneh, et al.	1	7 R	12/17/99
	A154	6,306,216	10/23/01	Kim, et al.	1	7	7/1/00
	A155	6,316,098	11/13/01	Yitzchaik, et al.	4	3	3/1/99
	A156	2001/0042799	11/22/01	Kim, et al.	2	5	2/1/01

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. APPM/6473		Serial No. 10/074,898	
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT				Applicant Yoon, et al.		Confirmation No.: Unknown	
(Use several sheets if necessary)				Filing Date February 11, 2002		Technology Center 2800	
Examiner Unknown							
U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
A157 A158 A159 A160 A161 A162	2001/0041250	11/15/01	Werkhoven et al.			3/6	
	2001/0034123	10/25/01	Jeon, et al.			4/6	
	2001/0031562	10/18/01	Raaijmakers et al.			2/2	
	2001/0011526	8/9/01	Doering, et al.			1/1	
	2001/0009140	7/26/01	Bondestam, et al.			1/2	
	2001/0000866	5/10/01	Sneh, et al.		R	11/	
Examiner				Date Considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.							

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. APPM/6473		Serial No. 10/074,898	
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT					Application No. JUN 14 2002 TECHNOLOGY CENTER 2800		Confirmation No.: Unknown	
(Use several sheets if necessary)					Filing Date February 11, 2002		Group Unknown	
Examiner Unknown								
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1	196 27 017A1	1/9/97	DE	H01	21/03	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B2	198 20 147A1	7/1/99	DE	H01	21/05	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B3	0 429 270 A2	5/29/91	EP	G01	Jul	<input type="checkbox"/>	<input type="checkbox"/>
	B4	0 799 641 A2	10/8/97	EP	B01	20/00	<input type="checkbox"/>	<input type="checkbox"/>
	B5	0 442 290 A1	2/14/91	EP	C30	25/00	<input type="checkbox"/>	<input type="checkbox"/>
	B6	0 344 352 A1	6/3/88	EP	H01	39/00	<input type="checkbox"/>	<input type="checkbox"/>
	B7	2.626.110	7/21/89	FR	H01	39/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B8	2.692.597	12/24/93	FR	C22	16/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B9	2 355 727A	05/02/12001	GB	C22	16/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B10	58-098917	6/13/83	JP	H01	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B11	58-100419	6/15/83	JP	H01	21/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B12	60-065712A	4/15/85	JP	C01	33/03	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B13	61-035847	2/20/86	JP	B01	19/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B14	61-210623	9/18/86	JP	H01	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B15	62-069508	3/30/87	JP	H01	21/03	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B16	62-091,495	4/25/87	JP	C30	25/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B17	62-141717	6/25/87	JP	H01	21/03	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B18	62-167297	7/23/87	JP	C30	29/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B19	62-171999	7/28/87	JP	C30	29/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B20	62-232919	10/13/87	JP	H01	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B21	63-062313	3/18/88	JP	H01	21/03	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B22	63-085098	4/15/88	JP	C30	21/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B23	63-090833	4/21/88	JP	H01	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B24	63-222420	9/16/88	JP	H01	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Examiner					Date Considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. RECEIVED APPM/6473		Serial No. 10/074,898	
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT					Applicant JUN 14 2002 Yoon, et al. TECHNOLOGY CENTER		Confirmation No.: Unknown	
(Use several sheets if necessary)					Filing Date February 11, 2002		Group Unknown	
Examiner Unknown								

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B25	63-222421	9/16/88	JP		21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B26	63-227007	9/21/88	JP		21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B27	63-252420	10/19/88	JP		21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B28	63-266814	11/2/88	JP		21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B29	64-009895	1/13/89	JP		29/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B30	64-009896	1/13/89	JP		29/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B31	64-009897	1/13/89	JP		29/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B32	64-037832	2/8/89	JP		21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B33	64-082615	3/28/89	JP		21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B34	64-082617	3/28/89	JP		21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B35	64-082671	3/28/89	JP		29/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B36	64-082676	3/28/89	JP		29/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B37	64-090524	4/7/89	JP		21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B38	01-103982	4/21/89	JP		23/08	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B39	01-103996	4/21/89	JP		29/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B40	01-117017	5/9/89	JP		21/03	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B41	01-143221	6/5/89	JP		21/14	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B42	01-143233	6/5/89	JP		21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B43	01-154511	6/16/89	JP		21/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B44	01-236657	9/21/89	JP		29/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B45	01-245512	9/29/89	JP		21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B46	01-264218	10/20/89	JP		21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B47	01-270593	10/27/89	JP		25/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B48	01-272108	10/31/89	JP		21/03	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Examiner _____ Date Considered _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.


U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. APPM/6473		Serial No. 10,074,898	
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT					Applicant Yoon, et al. TECHNOLOGY CENTER		Confirmation No.: 2002-1767	
					Filing Date February 11, 2002		Group Unknown	
(Use several sheets if necessary)					Examiner Unknown			
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
JP	B49	01-290221	11/22/89	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B50	01-290222	11/22/89	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B51	01-296673	11/30/89	JP	H01L	21/208	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B52	01-303770	12/7/89	JP	H01L	31/204	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B53	01-305894	12/11/89	JP	G06B	25/08	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B54	01-313927	12/19/89	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B55	02-012814	1/17/90	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B56	02-014513	1/18/90	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B57	02-017634	1/22/90	JP	H01L	21/225	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B58	02-063115	3/2/90	JP	H01L	21/20	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B59	02-074029	3/14/90	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B60	02-074587	3/14/90	JP	G06B	25/08	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B61	02-106822	4/18/90	JP	H01B	13/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B62	02-129913	5/18/90	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B63	02-162717	6/22/90	JP	H01L	21/200	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B64	02-172895	7/4/90	JP	G06B	25/06	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B65	02-196092	8/2/90	JP	G06B	25/04	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B66	02-203517	8/13/90	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B67	02-230690	9/13/90	JP	H01B	33/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B68	02-230722	9/13/90	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B69	02-246161	10/1/90	JP	H01L	25/04	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B70	02-264491	10/29/90	JP	H01S	18/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B71	02-283084	11/20/90	JP	H01S	18/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B72	02-304916	12/18/90	JP	H01L	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Examiner					Date Considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. APPM/6473		Serial No. 10/074,898	
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT					Applicant Yoon, et al.		Continuation No.: UNKNOWN 2800	
(Use several sheets if necessary)					Filing Date February 11, 2002		Group Unknown	
Examiner Unknown								
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B73	03-019211	1/28/91	JP	H	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B74	03-022569	1/30/91	JP	H	29/	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B75	03-023294	1/31/91	JP	C	25/	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B76	03-023299	1/31/91	JP	C	29/	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B77	03-044967	2/26/91	JP	H	29/	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B78	03-048421	3/1/91	JP	H	21/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B79	03-070124	3/26/91	JP	H	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B80	03-185716	8/13/91	JP	H	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B81	03-208885	9/12/91	JP	B	21/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B82	03-234025	10/18/91	JP	L	21/18	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B83	03-286522	12/17/91	JP	L	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B84	03-286531	12/17/91	JP	L	21/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B85	04-031391	2/3/92	JP	C	25/03	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B86	04-031396	2/3/92	JP	C	25/03	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B87	04-031396	2/3/92	JP	C	25/03	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B88	04-100292	4/2/92	JP	H	18/01	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B89	04-111418	4/13/92	JP	H	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B90	04-132214	5/6/92	JP	H	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B91	04-132681	5/6/92	JP	C	25/03	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B92	04/151822	5/25/92	JP	H	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B93	04-162418	6/5/92	JP	H	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B94	04-175299	6/23/92	JP	C	29/03	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B95	04-186824	7/3/92	JP	H	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B96	04-212411	8/4/92	JP	H	21/05	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Examiner					Date considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)						Docket No. RECEIVED APPM/6473 JUN 14 2002		Serial No. 10/074,898	
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT						Applicant TECHNOLOGY CENTER Yoon, et al.		Confirmation No.: ER 2800 Unknown	
(Use several sheets if necessary)						Filing Date February 11, 2002		Group Unknown 1767	
Examiner Unknown									
Foreign Patent Documents									
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation		
							YES	NO	
	B97	04-260696	9/16/92	JP	C3	29	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B98	04-273120	9/29/92	JP	H0	21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B99	04-285167	10/9/92	JP	C2	14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B100	04-291916	10/16/92	JP	H0	21/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B101	04-325500	11/13/92	JP	C3	33	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B102	04-328874	11/17/92	JP	H0	29/4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B103	05-029228	2/5/93	JP	H0	21/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B104	05-047665	2/26/93	JP	H0	21/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B105	05-047666	2/26/93	JP	H0	21/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B106	05-047668	2/26/93	JP	H0	21/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B107	05-074717	3/26/93	JP	H0	21/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B108	05-074724	3/26/93	JP	H0	21/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B109	05-102189	4/23/93	JP	H0	21/6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B110	05-160152	6/25/93	JP	H0	21/6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B111	05-175143	7/13/93	JP	H0	21/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B112	05-175145	7/13/93	JP	H0	21/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B113	05-182906	7/23/93	JP	H0	21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B114	05-186295	7/27/93	JP	C3	25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B115	05-206036	8/13/93	JP	H0	21/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B116	05-234899	9/10/93	JP	H0	21/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B117	05-235047	9/10/93	JP	H0	21/8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B118	05-251339	9/28/93	JP	H0	21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B119	05-270997	10/19/93	JP	C3	29	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	B120	05-283336	10/29/93	JP	H0	21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Examiner						Date considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.									

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. APPM/6473		Serial No. P0004898		
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT				Applicant Yoon, et al.		Confirmation No.: JUN 14 2002 Unknown		
(Use several sheets if necessary)				Filing Date February 11, 2002		Group Unknown		
Examiner Unknown								
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
W	B121	05-291152	11/5/93	JP	H	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B122	05-304334	11/16/93	JP	H	18-4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B123	05-343327	12/24/93	JP	H	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B124	05-343685	12/24/93	JP	H	29/204	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B125	06-045606	2/18/94	JP	H	29/204	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B126	06-132236	5/13/94	JP	H	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B127	06-177381	6/24/94	JP	H	29/204	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B128	06-196809	7/15/94	JP	H	18-4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B129	06-222388	8/12/94	JP	G	1/13	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B130	06-224138	8/12/94	JP	H	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B131	06-230421	8/19/94	JP	G	1/13	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B132	06-252057	9/9/94	JP	H	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B133	06-291048	10/18/94	JP	H	21/205	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B134	07-086269	3/13/95	JP	H	21/301	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B135	07-070752	3/14/95	JP	C	16/40	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B136	08-181076	7/12/96	JP	H	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B137	08-245291	9/24/96	JP	C	25/14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B138	08-264530	10/11/96	JP	H	21/301	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B139	09-260786	10/3/97	JP	H	18-M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B140	09-293681	11/11/97	JP	H	21/205	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B141	10-188840	7/21/98	JP	H	29/10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B142	10-190128	7/21/98	JP	H	18-M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B143	10-308283	11/17/98	JP	H	33/20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B144	11-269652	10/5/99	JP	C	16/40	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B145	11-269652	10/5/99	JP	C	16/40	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B146	2000-031387	1/28/00	JP	H	27/10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Examiner				Date Considered				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. APPM/6473		Serial No. 19/074,898	
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT					Applicant Yoon, et al		Confirmation No.: Unknown	
(Use several sheets if necessary)					Filing Date February 11, 2002		Group 2800	
Examiner Unknown							Unknown	



Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B147	2000-058777	2/25/00	JP	H01L	27/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B148	2000-068072	3/3/00	JP	H01B	33/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B149	2000-087029	3/28/00	JP	C00K	8-N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B150	2000-319772	3/28/00	JP	C22C	16/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B151	2000-138094	5/16/00	JP	H01B	33/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B152	2000-218445	8/8/00	JP	B22P	Jun 00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B153	2000-319772	11/21/00	JP	C22C	14/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B154	2000-340883	12/8/00	JP	H01S	5/10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B155	2000-353666	12/19/00	JP	H01L	21/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B156	2001-020075	1/23/01	JP	C22C	16/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B157	2001-62244	3/13/01	JP	B22D	53/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B158	2001-152339	6/5/01	JP	C22C	16/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B159	2001-172767	6/26/01	JP	C22C	16/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B160	2001-189312	7/10/01	JP	H01L	21/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B161	2001-217206	8/10/01	JP	H01L	21/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B162	2001-220287	8/14/01	JP	C00B	25/02	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B163	2001-220294	8/14/01	JP	C00B	29/00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B164	2001-240972	9/4/01	JP	C22C	16/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B165	2001-254181	9/18/01	JP	C22C	16/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B166	2001-284042	10/12/01	JP	H01B	33/04	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B167	2001-303251	10/31/01	JP	C22C	16/04	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B168	2001-328900	11/27/01	JP	C32	2/08	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B169	90/02216	3/8/90	WO	C22	1/04	<input type="checkbox"/>	<input type="checkbox"/>
	B170	91/10510	7/25/91	WO	B01	3/02	<input type="checkbox"/>	<input type="checkbox"/>
	B171	93/0211	2/4/93	WO	C00	A/78	<input type="checkbox"/>	<input type="checkbox"/>
	B172	96/17107	6/6/96	WO	C22C	16/04	<input type="checkbox"/>	<input type="checkbox"/>

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. APPM/6473		Serial No. 10/074,898	
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT					Applicant Yood et al.		Confirmation No.: Unknown	
(Use several sheets if necessary)					Filing Date February 11, 2002		Group Unknown	
Examiner Unknown					Technology Center 2800		1762	
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B173	96/18756	6/20/96	WO	C23	16/0	<input type="checkbox"/>	<input type="checkbox"/>
	B174	98/06889	2/19/98	WO	D06		<input type="checkbox"/>	<input type="checkbox"/>
	B175	98/51838	11/19/98	WO	C23	16/0	<input type="checkbox"/>	<input type="checkbox"/>
	B176	99/13504	3/18/99	WO	H01	21/0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B177	99/29924	6/17/99	WO	C23	16/0	<input type="checkbox"/>	<input type="checkbox"/>
	B178	99/41423	8/19/99	WO	C23		<input type="checkbox"/>	<input type="checkbox"/>
	B179	00/11721	3/2/00	WO	H01	29/0	<input type="checkbox"/>	<input type="checkbox"/>
	B180	00/15865	3/23/00	WO	C23	16/0	<input type="checkbox"/>	<input type="checkbox"/>
	B181	00/15881 A2	3/23/00	WO	C23		<input type="checkbox"/>	<input type="checkbox"/>
	B182	00/16377 A2	3/23/00	WO	H01		<input type="checkbox"/>	<input type="checkbox"/>
	B183	00/54320 A1	9/14/00	WO	H01	21/0	<input type="checkbox"/>	<input type="checkbox"/>
	B184	00/63957 A1	10/26/00	WO	H01	21/05	<input type="checkbox"/>	<input type="checkbox"/>
	B185	00/79019 A1	12/28/00	WO	C23	16/0	<input type="checkbox"/>	<input type="checkbox"/>
	B186	00/79576 A1	12/28/00	WO	H01	21/05	<input type="checkbox"/>	<input type="checkbox"/>
	B187	01/15220	3/1/01	WO	H01	21/08	<input type="checkbox"/>	<input type="checkbox"/>
	B188	01/15220 A1	3/1/01	WO	H01	21/08	<input type="checkbox"/>	<input type="checkbox"/>
	B189	01/27346 A1	4/19/01	WO	C23	16/0	<input type="checkbox"/>	<input type="checkbox"/>
	B190	01/27347 A1	4/19/01	WO	C23	16/0	<input type="checkbox"/>	<input type="checkbox"/>
	B191	01/29280 A1	4/26/01	WO	H01	21/0	<input type="checkbox"/>	<input type="checkbox"/>
	B192	01/29891 A1	4/26/01	WO	H01	21/08	<input type="checkbox"/>	<input type="checkbox"/>
	B193	01/29893 A1	4/26/01	WO	H01	21/08	<input type="checkbox"/>	<input type="checkbox"/>
	B194	01/36702 A1	5/25/01	WO	C23	16/0	<input type="checkbox"/>	<input type="checkbox"/>
	B195	01/40541 A1	6/7/01	WO	C23	16/0	<input type="checkbox"/>	<input type="checkbox"/>
	B196	01/66832 A2	9/13/01	WO	C23	16/04	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
Examiner					Date Considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

U.S. Department of Commerce, Patent and Trademark Office		Docket No. RECEIVED	Serial No.
(PTO Form 1449 modified)		APPM/6473	10/074,898
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant TECHNOLOGY CENTER Yoon, et al.	Confirmation No.: Unknown
(Use several sheets if necessary)		Filing Date	Group
Examiner Unknown		February 11, 2002	Unknown

JUN 11 2002
PATENT & TRADEMARK OFFICE

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
K	C1	Hultman, et al., "Review of the thermal and mechanical stability of TiN-based thin films", <i>Zeitschrift Fur Metallkunde</i> , 90(10) (Oct. 1999), pp. 803-813
	C2	Klaus, et al., "Atomic Layer Deposition of SiO ₂ Using Catalyzed and Uncatalyzed Self-Limiting Surface Reactions", <i>Surface Review & Letters</i> , 6(3&4) (1999), pp. 435-448
	C3	Yamaguchi, et al., "Atomic-layer chemical-vapor-deposition of silicon dioxide films with extremely low hydrogen content", <i>Appl. Surf. Sci.</i> , Vol. 130-132 (1998), pp. 202-207
	C4	George, et al., "Surface Chemistry for Atomic Layer Growth", <i>J. Phys. Chem.</i> , Vol. 100 (1996), pp. 13121-131
	C5	George, et al., "Atomic layer controlled deposition of SiO ₂ and Al ₂ O ₃ using ABAB...binary reaction sequence chemistry", <i>Appl. Surf. Sci.</i> , Vol. 82/83 (1994), pp. 460-467
	C6	Wise, et al., "Diethyldiethoxysilane as a new precursor for SiO ₂ growth on silicon", <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 334 (1994), pp. 37-43
	C7	Niinisto, et al., "Synthesis of oxide thin films and overlayers by atomic layer epitaxy for advanced applications", <i>Mat. Sci. & Eng.</i> , Vol. B41 (1996), pp. 23-29
	C8	Ritala, et al., "Perfectly conformal TiN and Al ₂ O ₃ films deposited by atomic layer deposition", <i>Chemical Vapor Deposition</i> , Vol. 5(1) (January 1999), pp. 7-9
	C9	Klaus, et al., "Atomically controlled growth of tungsten and tungsten nitride using sequential surface reactions", <i>Appl. Surf. Sci.</i> , Vol 162-163 (July 1999), pp. 479-491
	C10	Klaus, et al., "Atomically controlled growth of tungsten and tungsten nitride using sequential surface reactions", <i>Fifth Int'l Symp. On Atomically Controlled Surfaces, Interfaces and Nanostructures</i> (July 6-9, 1999), Aix en Provence, France <i>no page numbers</i>
	C11	Min, et al., "Atomic layer deposition of TiN thin films by sequential introduction of Ti precursor and NH/sub3", <i>Symp.: Advanced Interconnects and Contact Materials and Processes for Future Integrated Circuits</i> (Apr. 13-16, 1998), pp. 337-342
	C12	Min, et al., "Metal-Organic Atomic-Layer Deposition of Titanium-Silicon-Nitride Films", <i>Applied Physics Letters</i> , American Inst. Of Physics, Vol 75(11) (Sept. 13, 1999) <i>no page numbers</i>
	C13	Maertensson, et al., "Atomic Layer Epitaxy of Copper on Tantalum", <i>Chemical Vapor Deposition</i> , 3(1) (Feb. 1, 1997), pp. 45-50
	C14	Ritala, et al. "Atomic Layer Epitaxy Growth of TiN Thin Films", <i>J. Electrochem. Soc.</i> , 142(8) (Aug. 1995), pp. 2731-737
	C15	Elers, et al., "NbC15 as a precursor in atomic layer epitaxy", <i>Appl. Surf. Sci.</i> , Vol. 82/83 (1994), pp. 468-474

Examiner	Date Considered
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.	

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. APPM/6473	Serial No. 10/074,898
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant JUN 11 2002	Confirmation No.: Unknown
(Use several sheets if necessary)		TECHNICAL CENTER 2800	Group
Examiner Unknown		February 11, 2002	Unknown <i>h7</i>
OTHER ART			
*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.		
<i>W</i>	C16	Lee, "The Preparation of Titanium-Based Thin Film by CVD Using Titanium Chlorides as precursors", <i>Chemical Vapor Deposition</i> , 5(2) (Mar. 1999), pp. 69-73	
	C17	Martensson, et al., "Atomic Layer Epitaxy of Copper, Growth & Selectivity in the Cu (II)-2,2,6,6-Tetramethyl-3, 5-Heptanedion ATE/H2 Process", <i>J. Electrochem. Soc.</i> , 145(8) (Aug. 1998), pp. 2926-2931	
	C18	Min, et al., "Chemical Vapor Deposition of Ti-Si-N Films with Alternating Source Supply", <i>Mat., Res. Soc. Symp. Proc.</i> , Vol. 564 (Apr. 5, 1999), pp. 207-210	
	C19	Bedair, "Atomic layer epitaxy deposition processes", <i>J. Vac. Sci. Technol.</i> 12(1) (Jan/Feb 1994) <i>no page number</i>	
	C20	Yamaga, et al., "Atomic layer epitaxy of ZnS by a new gas supplying system in a low-pressure metalorganic vapor phase epitaxy", <i>J. of Crystal Growth</i> 117 (1992), pp. 152-155	
	C21	Ohba, et al., "Thermal Decomposition of Methylhydrazine and Deposition Properties of CVD TiN Thin Films", Conference Proceedings, Advanced Metallization for ULSI Applications in 1993 (1994), pp. 143-149	
	C22	Scheper, et al., "Low-temperature deposition of titanium nitride films from dialkylhydrazine-based precursors", <i>Materials Science in Semiconductor Processing</i> 2 (1999), pp. 149-157	
	C23	Suzuki, et al., "A 0.2- μ m contact filing by 450°C-hydrazine-reduced TiN film with low resistivity", <i>IEDM</i> 92-979, pp. 11.8.1 - 11.8.3	
	C24	Suzuki, et al., "LPCVD-TiN Using Hydrazine and TiCl ₄ ", <i>VMIC Conference</i> (June 8-9, 1993), pp. 418-423	
	C25	IBM Tech. Disc. Bull. "Knowledge-Based Dynamic Scheduler in Distributed Computer Control, (June 1990), pp. 80-84	
	C26	IBM Tech. Disc. Bull. "Multiprocessor and Multitasking Architecture for Tool Control of the Advanced via Inspection Tools" (May 1992), pp. 190-191	
	C27	McGeachin, S., "Synthesis and properties of some β -diketimines derived from acetylacetone, and their metal complexes", <i>Canadian J. of Chemistry</i> , Vol. 46 (1968), pp.1903-1912	
<i>W</i>	C28	Solanki, et al., "Atomic Layer deposition of Copper Seed Layers", <i>Electrochemical and Solid State Letters</i> , 3(10) (2000), pp. 479-480	
	C29	NERAC COMBUSTION ENGINE TEST CELL (B) - Aluminum Oxide Plasma, dated October 2, 2001 <i>NOT A PUBLICATION</i>	
	C30	NERAC COMBUSTION ENGINE TEST CELL (B) - Aluminum Oxide Plasma, dated October 2, 2001 <i>NOT A PUBLICATION</i>	
<i>W</i>	C31	NERAC Search abstract of "Atomic Layer deposition of Ta and Ti for Interconnect Diffusion Barriers", by Rosnagel, et al., <i>J. Vac. Sci. & Tech.</i> , 18(4) (July 2000)	
Examiner		Date Considered <i>W</i>	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.			

RECEIVED

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. JUN 14 2002 APPM/6473	Serial No. 10/074,898
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Yoon, et al.	Confirmation No.: Unknown
(Use several sheets if necessary)		Filing Date February 11, 2002	Group Unknown 1767
Examiner	Unknown		
OTHER ART			
*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.		
C32	[REDACTED]		
C33	[REDACTED]		
C34	[REDACTED]		
C35	[REDACTED]		
C36	[REDACTED]		
C37	[REDACTED]		
C38	Bader, et al., "Integrated Processing Equipment", Solid State Technology, Cowan Pub., Vol. 33, No. 5 (May 1, 1990), pp. 149-154		
C39	Choi, et al., "The effect of annealing on resistivity of low pressure chemical vapor deposited titanium diboride", J. Appl. Phys. 69(11) (June 1, 1991), pp. 7853-7861		
C40	Choi, et al., "Stability of TiB ₂ as a Diffusion Barrier on Silicon", J. Electrochem. Soc. 138(10) (October 1991), pp. 3062-3067		
C41	"Cluster Tools for Fabrication of Advanced devices" Jap. J. of Applied Physics, Extended Abstracts, 22 nd Conference Solid State Devices and Materials (1990), pp. 849 - 852 XP000178141		
C42	"Applications of Integrated processing", Solid State Technology, US, Cowan Pub., Vol 37, No. 12 (December 1, 1994), pp. 45-47		
C43	Kitigawa, et al., "Hydrogen-mediated low temperature epitaxy of Si in plasma-enhanced chemical vapor deposition", Applied Surface Science (2000), pp. 30-34		
C44	Lee, et al., "Pulsed nucleation for ultra-high aspect ratio tungsten plug fill", Novellus Systems, Inc. [REDACTED]		
NOT PROVIDED			
Examiner	Date Considered		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.			